



**Drilling Methods**

Solid Stem Auger	150 mm & 250 mm
Hollow Stem Auger	108 mm ID & 158 mm ID
Rotary Air	96mm to 150mm diameter
Direct Push	DT325 continuous sampling
Standard penetration Test	G104 Automatic drop hammer
Diamond Core	NA
Tubex	NA
Sonic	NA

**Safety**

Emergency stops	Control panel, rear panel and remote control mounted.
Cage Interlock	Yes
Fire suppression	2 x 9KG Dry Chem
Winch Limiter	No
Spring Levers	Rotation and feed controls
Hydraulic Breakout	Rotary air only - spanner table
Rod Spinner	NA



Dimensions and Platform Specs	
Stroke	1982 mm
Weight	3632 kg
Width	1626 mm
Length	3378 mm
Height (Mast Folded)	2450 mm
Height (Mast Unfolded)	4750 mm
Foot Travel	521 mm
Lateral Movement	+/- 7 degrees from centreline
Oscillation	+/- 13 Degrees from vertical
Max Ground Speed	8 kmph
Surface Load	0.32 kg/cm <sup>2</sup>
Track Width	305 mm

Engine	
Make & Model	Kubota, 4-cylinder turbo, tier 4I
Engine Power	42 Kw
Fuel Capacity	64L

Augerhead	
Model	GH4000 - 2 Speed
High Torque	5423 NM
Low Torque	542 NM
High Speed Rotation	750 RPM
Low Speed Rotation	75 RPM
Hex Adapter	1-5/8in. (41mm)

Main Winch	
Winch Rating	10.5KN
Winch Speed	38 m/min
Cable Length	23 m
Cable diameter	

Percussion Hammer	
Hammer System	GH63
Percussion Rate	32 Hz
Forward torque	701 NM
Reverse torque	864 NM
Max Rotation speed	234 rpm

Wire-Line Winch	
Winch Rating	NA
Winch Speed	NA
Cable Length	NA
Cable diameter	NA

Breakout Clamps	
Clamp Opening	NA
Clamp Range	NA
Clamp Force	NA
Breakout Torque	NA
Weight	NA

Hydraulic System	
Downforce	150 kN
Retraction force	214 kN
Hydraulic Pressure	4000 psi
Hydraulic flow rate	151 lpm